IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: V. Faber et al.   Attorney Docket No.: LIZA118255

Application No.: 10/006,999   Group Art Unit: 2621

Filed: December 3, 2001

Title: METHOD FOR LOSSLESS ENCODING OF IMAGE DATA BY
                  APPROXIMATING LINEAR TRANSFORMS AND PRESERVING
                  SELECTED PROPERTIES FOR IMAGE PROCESSING

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INFORMATION DISCLOSURE STATEMENT

March 13, 2002

TO THE COMMISSIONER FOR PATENTS:

Applicants are aware of the information listed in the attached form that may be material to the prosecution of the above-identified patent application.

Copies of the listed patents, publications, and other information are enclosed for the Examiner's use.

Pursuant to 37 C.F.R. § 1.97(b), this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits.

Respectfully submitted,

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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the U.S. Postal Service in a sealed envelope as first class mail with postage thereon fully prepaid addressed to the U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202, on the date specified below.

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INFORMATION CITED BY APPLICANTS THAT MAY BE MATERIAL TO THE PROSECUTION OF THE SUBJECT APPLICATION

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U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No.	Document No.	Kind Code	Date (mm/dd/yyyy)	Name
None					

FOREIGN PATENT DOCUMENTS

*Examiner Initial	Cite No.	Document No.	Kind Code	Publication Date (mm/dd/yyyy)	Country	English Abstract Provided	Translation Provided
None							

OTHER INFORMATION

*Examiner Initial	Cite No.	Description (Including Author, Title, Date, Pertinent Pages, Etc.)
_____	O1	Daubechies, I. and W. Sweldens, "Factoring Wavelet Transforms Into Lifting Steps," *J. Fourier Anal. Appl.* 4:247-269, 1998.
_____	O2	Gohberg, I., et al., *Matrix Polynomials*, Academic Press, New York, 1982, Chapter S-1, "The Smith Form and Related Problems," pp. 313-341.
_____	O3	Park, H., "A Realization Algorithm for $SL_2(R[x_1,\ldots,x_m])$ Over the Euclidean Domain," *SIAM J. Matrix Anal. Appl.* 21:178-184, 1999.
_____	O4	Park, H. and C. Woodburn, "An Algorithmic Proof of Suslin's Stability Theorem for Polynomial Rings," *J. Algebra* 178:277-298, 1995.
_____	O5	Sweldens, W., "The Lifting Scheme: A Custom-Design Construction of Biorthogonal Wavelets," *Appl. Com-put. Harmon. Anal.* 3:186-200, 1996.
_____	O6	Sweldens, W., "The Lifting Scheme: A Construction of Second-Generation Wavelets," *SIAM J. Math. Anal.* 29:511-546, 1998.

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	O7	Tolhuizen, L., et al, "On the Realizability of Bi-Orthogonal, M-Dimensional Two-Band Filter Banks," *IEEE Trans. Signal Processing 43*:640-648, 1995.
	O8	Villasenor, J., et al., "Wavelet Filter Evaluation for Image Compression," *IEEE Trans. Image Processing 4*:1053-1060, 1995.

Examiner	Date Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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